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Chaos: Transitivity
... If we follow such a starting state for long enough, it eventually passes through
any little piece of the **state space** we care to consider. ...
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... The following functions are provided by the **state-space** exploration package ...
ndd_relation_star_succ : Computes iteratively the set of **transitive** successors of ...
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... these tools to industrial-sized systems is the huge memory-usage for the
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xz xy ~ yz xz Page 6. Savage Method **State Space** Result Space Policy Space ...
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... with $p(\mu) = (\gamma-1)\,\mu$, II: non-compact **state space**. Wils P: Inhomogeneous
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s and s ~ s implies s ~ s . ... The **state space** (S/~) = {s] | s ∈ S} ...
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... They therefore apply even if the **state space** S is countably infinite. ... is an equivalence
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... relation R (s , t) , unlike in the finite **state space** case, cannot be expressed
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... relation and its inverse "isMemberOf" relation are not **transitive**, but
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depends on the **transitive** closure of the ... 5. **State Space** Entailments. ...

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... The (actual) **state space** S depends on R and π 0 , and can be built using a
logic ...
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... is an equivalence relation, which means that it is reflexive, symmetric and **transitive**. ...
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... An example (Fig 11.6). Forward and backward **state-space** search are particular forms
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... Page 5. **State Space** Reductions for Alternating Buchi Automata 161 ... di , ≤de ,
and ≤f are preorders, ie, they are reflexive and **transitive**. ...
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Some words about the model
... from P to Q. The relation inevitable is the **transitive** disjunctive closure ... specification
property if satisfies it over the reachable states of the **state space**. ...
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... denote the **state space**, and s 0 denote the intital state. ... References [1] M. Fliess,
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... In particular, we have identified an expressive fragment of **transitive** closure logic ...
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... Let Ω be a finite objective **state space** with #Ω = n. The existence of objective
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... n j i ≤≤, 1 . Design an algorithm for computing the **transitive** closure and determine
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... **transitive**. „ Notation : We denote bisimilarity between two systems ... In the
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(P, ⊑) is a set P and a reflexive, **transitive**, antisymmetric binary ...
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... Partial order: (S , <), where < is. **Transitive**: x<y Æ y<z x<z. Antisymmetric:
for no x, y, x<y Æ y>x. ... How to model the system? Global **state space**. $1M, $1M. ...
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... product. Note that a **state space** $(\Sigma, \perp)$ is called plane **transitive**
if its associated ppl $(L\,\Sigma\,,\,\Sigma,\,\perp)$ is plane **transitive**. ...
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chaos
... becomes less and less similar (farther and farther away in **state space**) to a ... quickly
into very different states), and c) is tologically **transitive** (A function ...
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... Page 11. (iii) We define v(m) as a set of related markings by taking the
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... analysis is performed only for part of the **state space**, ie, for those trial states
returned by function random take() whereas the **transitive** closure of graph G ...
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... the SCCs in the reachable **state space** of a set of finite state machines.
Compared
with an existing symbolic method which requires the **transitive** closure of the ...
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... A permutation group G on Ω is said to be regular if it is **transitive** and the
stabiliser of any point is the identity. ... The **state space** is Ω. ...
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... y(t) = t t$-\delta$ dt M D(t ,x,u)dx, (2) where is a subset of the **state space**
(usually M $\subset \partial X$) a tine interval δ ... The dynamic "**transitive**" ...
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... by) is irreflexive, asymmetric, and **transitive**. Note that X Y implies X ∩ Y = ∅.
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... **state space** of a quantum system, and let P(H) be the set of all events (projectors)
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transitive closure of the union of the two equiv- alence relations ...
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... The **state space** is S = {0, 1, 2, ...} a = (1, 0, 0, ...) and the transition ... 0, which
implies that all states communicate (due to the **transitive** property of ...
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Boundary and Entropy of Space Homogeneous Markov Chains, Vadim A. ...
... the implementation is different and exploits discreteness of the **state space** on
the ... of the Poisson boundary for random walks on vertex-**transitive** graphs with ...
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Citations: Line Computation of **Transitive** Closures of Graphs ...
... On-line computation of **transitive** closure for graphs. Information Processing Letters,
16:95--97, 1983. Symbolic **State-space** Exploration and Numerical Analysis ...
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... we generate states of M only as the corresponding subsets of S are being reached,
thus combining **transitive** closure with the construction of the **state space**. ...
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... last week: State and prove the assertion that every reflexive and **transitive** relation
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... identity, closures (including **transitive** and reflexive-**transitive**) and overriding ...
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... techniques for constructing transducers representing images or **transitive** closures,
which ... simpler, being very similar to standard **state-space** exploration in ...
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of applying operators to initial state Search = h initial ...
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On preference-based search in state space graphs

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↑ ABSTRACT

The aim of this paper is to introduce a general framework for preference-based search in state space graphs with a focus on the search of the preferred solutions. After introducing a formal definition of preference-based search problems, we introduce the PBA* algorithm, a generalization of the A* algorithm, designed to process quasi-transitive preference relations defined over the set of solutions. Then, considering a particular subclass of preference structures characterized by two axioms called <i>Weak Preadditivity</i> and <i>Monotonicity</i>, we establish termination, completeness and admissibility results for PBA*. We also show that previous generalizations of A* are particular instances of PBA*. The interest of our algorithm is illustrated on a preference-based web access problem.

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